



#3

SEQUENCE LISTING

<110> H. Robert Horvitz

<120> A TUMOR SUPPRESSOR PATHWAY IN C. ELEGANS

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<213> Caenorhabditis elegans

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Phe Glu Glu Glu Tyr Ser Leu Gly Arg Ala Trp Val Lys Gly His Met
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 Val Gly Asp Asp Lys Lys Leu Leu Ile Trp Asp Val Arg Thr Ser Thr
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 325 330 335
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<210> 7

<211> 575

<212> PRT

<213> Caenorhabditis elegans

<400> 7

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Val Gly Gly Ser Ser Gly Ala Gly Gly Gln Gln Ser Asp Lys Pro Thr
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Gly Leu Thr Asn Tyr Asn Glu Val Ala Asp Glu Leu Val Ala Asp Tyr
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Phe Gln Asn Asn Leu Ile Lys Gln Ile Asp Val Val Lys Gln Glu Tyr
          85           90           95
Asp Met Lys Asn Ile Arg Arg Arg Val Tyr Asp Ala Leu Asn Val Leu
        100          105          110
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       115          120          125
Gly Leu Pro Ala Ser Ala Ser Gln Glu Ile Ser Arg Leu Glu Glu Glu
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Arg Lys Asn Glu His Lys Asn Gly Arg Pro Glu Asn Asp Thr Val Leu
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His Leu Pro Phe Leu Ile Ile Asn Thr Asp Lys Glu Ala Asn Val Glu
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Cys Ser Val Ser Ser Asp Lys Ser Glu Phe Leu Phe Ser Phe Asp Lys
      210          215          220
Lys Phe Glu Ile His Asp Asp Phe Glu Ile Leu Lys Lys Leu Asn Leu
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<211> 324

<212> PRT

<213> *Caenorhabditis elegans*

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Gln Leu Asn Lys Glu Glu Glu Leu Ile Glu Gln Arg Gln Arg Trp Leu
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 Thr Ile Gly Ile Gln Thr Arg Val Gly Thr Gln Val Arg Leu Ser Asp
 195 200 205
 Pro Glu Gln Val Glu Ile His Gly Gly Pro Ser Trp Cys Tyr Leu Lys
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 Asp Pro Ser Gly Pro Leu Arg Ala Ala Ile Val Ser Asn His Glu Leu
 225 230 235 240
 His Asp Phe Val Gln Arg Glu Arg Ala Lys Arg Pro Gly Glu Glu His
 245 250 255
 Val Asp Ala Asp Ala Pro Asp Glu Met Met Asp Asp Ser Arg Tyr Arg
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 <213> Caenorhabditis elegans

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			35				40					45			
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His	Arg	Val	Tyr	Val	Pro	Pro	Pro	Arg	Pro	Val	Gln	Arg	Lys	Leu	Trp
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Lys	Leu	Phe	Gln	Pro	Gly	Pro	Ser	Thr	Pro	Gly	Ser	Ser	Gln	Tyr	Thr
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Gln	Pro	Ala	Ser	Leu	Pro	Arg	Thr	Val	Gln	Pro	Met	Gly	Leu	Glu	Met
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Arg	Lys	Pro	Cys	Asn	Cys	Thr	Lys	Ser	Gln	Cys	Leu	Lys	Leu	Tyr	Cys
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Asp	Cys	Phe	Ala	Asn	Gly	Glu	Phe	Cys	Arg	Asp	Cys	Asn	Cys	Lys	Asp
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His	Cys	Lys	Lys	Ser	Gly	Cys	Leu	Lys	Asn	Tyr	Cys	Glu	Cys	Tyr	Glu
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Asp	Tyr	Glu	Asp	Met	Leu	Leu	Ser	His	Lys	Pro	Lys	Val	Glu	Met	Asp
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Pro	Arg	Arg	Phe	Pro	Trp	Tyr	Tyr	Met	Thr	Asp	Glu	Val	Val	Glu	Ala
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 <213> Mus musculus

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<213> Homo sapiens

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